CRAIG WILLIAM BEDNARZ
Associate Professor and Director
Semi-arid Agricultural Systems Institute
West Texas A&M University and Texas A&M AgriLife
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EDUCATION:

1989 B.S. Texas Tech University, Lubbock, TX, Agricultural Education
1991 M.S. Texas Tech University, Lubbock, TX, Crop Science
1995 Ph.D. University of Arkansas, Fayetteville, AR, Crop Physiology

PROFESSIONAL EXPERIENCE:

April 1996 - Dec 1996	Assistant Professor, Mississippi State University, Stoneville, MS
Dec 1996 - April 2002	Assistant Professor, University of Georgia, Tifton, GA
April 2002 - March 2006	Associate Professor, University of Georgia, Tifton, GA
April 2006 – Sep. 2009	Associate Professor, Texas Tech University and Texas AgriLife Research, Lubbock, TX
Sep. 2009 – April 2010	Full Professor, Texas Tech University and Texas AgriLife Research, Lubbock, TX
April 2010 – May 2013	VS1.2 - Breeder/Manager, Bayer CropScience, High Plains Breeding Station, Idalou, TX
May 2013 – Jan. 2014	VS1.3 - Breeder/Manager, Bayer CropScience, High Plains Breeding Station, Idalou, TX
Jan. 2014 – Nov. 2015	VS1.3 – Manager, Bayer CropScience, West Texas Cotton Breeding Program, Lubbock, TX.
Nov. 2015 – April 2020	Principal Agronomist, Bayer/BASF, Texas Southern High Plains Region, Lubbock, TX.
May 2020 - Present	Associate Professor and Director, Semi-arid Agricultural Systems Institute. West Texas A&M University and Texas A&M AgriLife, Canyon, TX

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

1. American Society of Agronomy: 1990 to present.
2. Crop Science Society of America: 1990 to present.

SUMMARY OF ACTIVITIES IN ACADEMIA:

Publications:

Refereed Journals: Career total published 45.
Proceedings: Career total of 35.
Abstracts: Career total of 65.
Technical reports: Career total of 91.
Patents: Career total of 4.

Graduate Student Committees:

Chair: Career total of 6.
Committee member: Career total of 10.

Grants and Awards: Total Funded: Career: $ 5,197,419.

Teaching:

PSS 3323, Crop Physiology. The majority of these lectures describe the factors that determine crop yield (available and intercepted solar radiation and the efficiency of photosynthesis, respiration and carbon partitioning). The remaining lectures describe crop abiotic stresses and mechanisms to avoid/tolerate these stresses.

PSS 3322, Grain, Fiber and Oilseed Crops. Lectures for this class focus on the distribution and use, growth and development and management strategies for our most economically important crops.

PSS 4325, Crop Water Management. Lectures for this class include hydraulics, pumps, irrigation systems, soil and plant water relationships and methods to monitor soil and plant water status.

PSS 6323, Plant and Soil Water Relationships. Lectures for this course focus on the physical and chemical properties of water, cell and tissue water relations, soil water relations, atmospheric demand, water transport, water use efficiency and drought resistance mechanisms.